

Enclosed is a search result of Ruggeri, G; caplus an 1925:3411.

Favorable action on the merits is solicited.

Respectfully submitted,

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STN Tokyo

=> fil caplus
=> s 1925:3411/an
L1 1 1925:3411/AN

=> d all

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
Full Text
AN 1925:3411 CAPLUS
DN 19:3411
OREF 19:469f-h
ED Entered STN: 16 Dec 2001
TI Peroxides of dibenzoylglyoxime
AU Ruggeri, G.
SO Atti accad. sci. Torino (1924), 59, 705
DT Journal
LA Unavailable
CC 10 (Organic Chemistry)
GI For diagram(s), see printed CA Issue.
AB Isonitrosoacetophenone treated with N2O4, gives a product contg. benzoylformonitrolic acid, BzC(:NOH)NO2, which may be dehydrated in vacuo to dibenzoylglyoxime peroxide, Bz(C2N2O2)Bz; m. 87°. If MeCOPh is used, 8% of an isomer (or polymer), m. 187°, is also obtained. The Bz deriv., m. 138° of BzC(:NOH)NO2 seps. from alk. soln. Benzoylphenylhydrazinoglyoxime, BzC(:NOH)C(:NOH)NHNHPh, is formed from the above peroxide on the addn. of PHNH2, in Et2O, together with BzNHNHPh. γ -Phenylhydrazino- β -nitroso- α -phenylisoxazole, PHNNHC.N.O.CPh.CNO, from the above Bz derivs., by heating with glacial HOAc, m. 106°, stable in alkali, but is hydrolyzed back by acid. γ -phenylhydrazino- β -amino- α -phenylisoxazole, prepd. by reduction of the nitrosoisoxazole in alc. with Zn dust, and HOAc, m. 132°, is stable in acids. 3-Benzoyl-5-phenylhydrazino-furo-(abi)-diazole, PHNNHC.N.CBz:N.O, m. 172°, is formed by heating the above isoxazole, best in the presence of AC2O. It is stable to both acids and bases.

IT 1,2,4-Oxdiazole, 3-benzoyl-5-phenylhydrazino-Glyoxime, benzoylphenylhydrazino-Isoxazole, 4-amino-5-phenyl-3-phenylhydrazino-RL: PREP (Preparation)
IT 790679-27-5P, Glyoxime, dibenzoyl-, peroxide 792931-39-6P, 1,2,3,6-Dioxdiazine, 4,5-dibenzoyl- 859197-44-7P, Isoxazole, 4-nitroso-5-phenyl-3-phenylhydrazino-RL: PREP (Preparation) (prepn. of)

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E1 THROUGH E3 ASSIGNED

=> fil reg

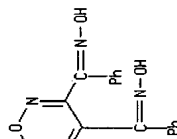
=> s el-e3
1 790679-27-5/BI (790679-27-5/RN)
1 792931-39-6/BI (792931-39-6/RN)
1 859197-44-7/BI (859197-44-7/RN)
3 (790679-27-5/BI OR 792931-39-6/BI OR 859197-44-7/BI)

STN Tokyo

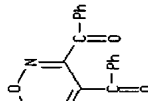
=> fil caplus
=> s l1 and l3
L4 7 L3
1 L1 AND L3
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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
IT 790679-27-5P, Glyoxime, dibenzoyl-, peroxide 792931-39-6P, 1,2,3,6-Dioxdiazine, 4,5-dibenzoyl- 859197-44-7P, Isoxazole, 4-nitroso-5-phenyl-3-phenylhydrazino-RL: PREP (Preparation) (prepn. of)

RN 790679-27-5 CAPLUS
CN Glyoxime, dibenzoyl-, peroxide (2CI) (CA INDEX NAME)



RN 792931-39-6 CAPLUS
CN 1,2,3,6-Dioxdiazine, 4,5-dibenzoyl- (2CI) (CA INDEX NAME)



RN 859197-44-7 CAPLUS
CN Isoxazole, 4-nitroso-5-phenyl-3-phenylhydrazino- (2CI) (CA INDEX NAME)

